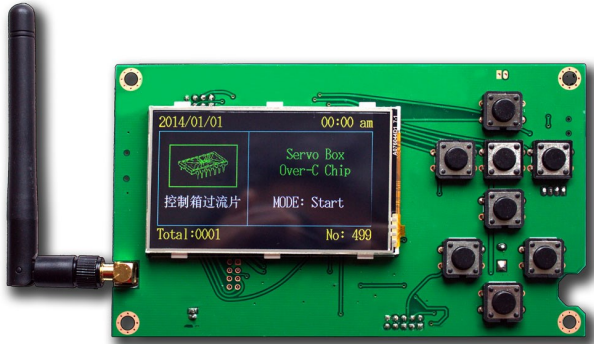


LongWin Micro-Controller Series

ARM Micro-Controller System

High Performance, Maximum Reliability, Competitive Cost



ARM System Board is based on an 32-Bit ARM Cortex-M3 Micro-Controller core featured with 24Mhz speed and up to 512KB on-board flash memory.

The system board provides color LCD display with touch panel, 2-Way 2.4Ghz Wireless Transceiver and Micro-SD flash memory adapter.

Features

- 32-Bit 24Mhz ARM Cortex-M3 MPU
- Up To 512K Byte On-Board Flash Memory
- Up To 32K Byte On-Board SRAM
- 2-Way Wireless Transceiver
- 320x240 Color Touch Screen
- Standard UART Serial Ports
- 12-Bit A/D and D/A
- 8-Bit General-Purpose I/O Port

Specification

Bus Type	0.1 Inch Pitch 10-Pin DIP Port	Audio	On-Board Buzzer
MPU	32-Bit ARM Cortex-M3 MPU 24Mhz Speed Clock 1.25 DMIPS/MHz	Keypad	8 Key with Independent Interrupt
Memory	Up To 512K Byte Flash Memory Up To 32K Byte SRAM Micro-SD Adapter	Serial Port	Standard UART Serial Port
Graphic	3.0" 320x240 Color LCD Display Resistive Touch Screen	GPIO	8 GPIO 1 Channel 12-Bit D/A 4 Channel 12-Bit A/D JTAG Port
Timer	16 16-Bit Timer Real-Time Clock Watchdog Timer	Power	+5V from Mini-USB Connector On-Board Backup Battery 5v/3.3V On I/O Port with Software Control
Network	nRF24L01 2.4 GHz Wireless Transceiver	Environmental	-40°C - +85°C Working Temperature
		Mechanical	5.8 x 3.3 Inch (146 x 85 mm) 5.9 x 3.5 Inch (150 x 90 mm) w/ Casing

For More Information, please call (800) 970-6805 or eMail to : sales@LWComputer.com

Ordering	LW-MCSA-SWC3-N	ARM System Board
	LW-MCSA-SWC3-W	ARM System Board with 2.4Ghz Wireless Option